What's so great about Angular?



Angular is an open-source, frontend JavaScript *framework*.



Angular uses modular components to increase code reuse.



Angular applications are written in JavaScript.



Angular has been around long enough to be stable and has an active ecosystem.



Angular vs. React

- Both are component-based
- Angular is more "opinionated"
- Angular is a framework, React is a library
- React uses a virtual DOM
- Angular has a slightly steeper learning curve



Angular Components

Components are Angular's main units of organization.



New todo...

Submit

Item 1

Item 2

Item 3



New todo...

Submit

Item 1

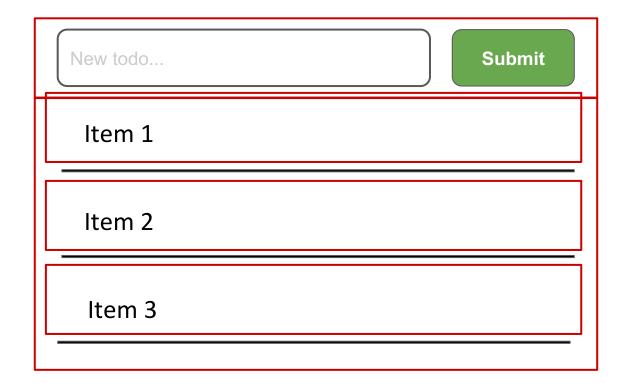
Item 2

Item 3



Submit New todo... Item 1 Item 2 Item 3







URL and Query Parameters

URL and query parameters are extra information about the page, contained in the URL.



URL Parameters

URL parameters are found as segments of the URL path.



URL Parameters

```
https://www.linkedin.com/in/shaun-wassell/
```



Query Parameters

Query parameters are like URL parameters, but in a different part of the URL.



Query Parameters

www.google.com/search?q=tallest+building+in+the+world



Query Parameters

```
www.amazon.com/search?q=hats&price max=20&color=green
```



Forms in Angular

Forms are an integral part of many Angular applications.



Two Main Form Methodologies

Controlled vs. Uncontrolled



Controlled Forms

The state of our form is explicitly tracked.



Uncontrolled Forms

We let the DOM handle all the form's functionality.

